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# Port Operations Planning And Logistics Lloyds Practical Shipping Guides

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Logistics Systems: Design and Optimization  
 Port Operations, Planning and Logistics  
 Port Economics, Management and Policy  
 Planning and Scheduling for Maritime Container Yards  
 Towards a Better Port Industry  
 Seaside Operations Planning in Container Terminals  
 Port Risk Management  
 Port Investment  
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 Regulation and Finance in the Port Industry  
 Dynamic Shipping and Port Development in the Globalized Economy  
 Transport and Logistics Planning and Optimization  
 Port Management Textbook  
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## HOLMES JONAS

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**Logistics Systems: Design and Optimization** Springer  
 Port Management looks at the numerous types of business interactions that occur at active ports. These include cooperating with other ports, coordinating deliveries with ships, overseeing port development, advertising and promotion, and enforcing security and environmental protection initiatives. Including research, practical insights and case studies, this book looks at quantitative methods and market analysis, maritime logistics, port planning and pricing, and commercial law. Port Management covers all the main aspects of management, administration and policy, and fills existing gaps in the literature in this area. Edited by two leading academics who have conducted research for the Department of Transport and the United Nations, this text is international in scope and includes research-based findings from a global team of contributors. It provides fascinating insights into

the geography, economics, politics and trade involved in port management. Online supporting resources include lecture notes, lesson plans and PowerPoints.

*Port Operations, Planning and Logistics* Springer  
 Port Economics, Management and Policy provides a comprehensive analysis of the contemporary port industry, showing how ports are organized to serve the global economy and support regional and local development. Structured in eight sections plus an introduction and epilog, this textbook examines a wide range of seaport topics, covering maritime shipping and international trade, port terminals, port governance, port competition, port policy and much more. Key features of the book include: Multidisciplinary perspective, drawing on economics, geography, management science and engineering Multisector analysis including containers, bulk, break-bulk and the cruise industry Focus on the latest industry trends, such as supply chain management, automation, digitalization and sustainability Benefitting from the authors' extensive involvement in shaping

the port sector across five continents, this text provides students and scholars with a valuable resource on ports and maritime transport systems. Practitioners and policymakers can also use this as an essential guide towards better port management and governance.

*Port Economics, Management and Policy* Kogan Page Publishers  
Written by leading experts in the field, this book offers an introduction to recent developments in port and hinterland strategies, operations and related specializations. The book begins with a broad overview of port definitions, concepts and the role of ports in global supply chains, and an examination of strategic topics such as port management, governance, performance, hinterlands and the port-city relationship. The second part of the book examines operational aspects of maritime, port and land networks. A range of topics are explored, such as liner networks, finance and business models, port-industrial clusters, container terminals, intermodality/synchromodality, handling and warehousing. The final section of the book provides insights into key issues of port development and management, from security, sustainability, innovation strategies, transition management and labour issues. Drawing on a variety of global case studies, theoretical insights are supplemented with real world and best practice examples, this book will be of interest to advanced undergraduates, postgraduates, scholars and professionals interested in maritime studies, transport studies, economics and geography.

*Planning and Scheduling for Maritime Container Yards* Routledge  
Logistics and transportation are a complex set of entities and systems interconnected by many physical, financial, and information flows, and, as with all systems, there are optimization and planning issues. In addition, they are subject to economic, social, and especially environmental pressures with the need to reduce energy consumption and greenhouse gas emissions. There is a need for original research to address these issues. *Transport and Logistics Planning and Optimization* addresses selected transportation and logistics problems at the strategic, tactical, and operational levels in a multidisciplinary approach, not only from a technological perspective but also from a social science perspective. Covering key topics such as supply chain, urban transportation, artificial intelligence, and computer science, this premier reference source is ideal for policymakers, industry professionals, researchers, academicians, scholars, instructors, and students.

*Towards a Better Port Industry* Kogan Page Publishers  
Earlier ed. held.

*Seaside Operations Planning in Container Terminals* Springer  
"Professor Burns has captured the essence of transportation security, one of today's most pressing concerns. As the rate of globalization and world trade increases, security and supply chain resilience are at the core of one's global transportation network. This is a timely and well written contribution to the industry."  
John A. Moseley, Senior Dir

*Port Risk Management* Informa Law from Routledge  
This book investigates the trends and challenges that ports, logistics and supply chains have tackled in recent decades and the way forward. A new concept, port focal logistics is introduced which appreciates the efforts by previous studies in this field, but simultaneously recognize the limitations, and the need for further improvements.

**Port Investment** Wiley-Interscience

This two volume book presents an in-depth analysis of many of the most important issues facing today's shipping and port sectors. Volume 2 of *Dynamic Shipping and Port Development in the Globalized Economy* focuses on the emerging trends in ports. *Port Operations, Planning and Logistics* Springer

U.S. ports are significant to the U.S. economy, handling more than 2 billion tons of domestic & import/export cargo annually. Since Sept. 11, 2001, much of the national focus on ports preparedness has been on preventing potential acts of terror, but the 2005 hurricane season renewed focus on how to protect ports from a diversity of threats, including natural disasters. This report examines: (1) challenges port authorities have experienced as a result of recent natural disasters; (2) efforts under way to address these challenges; & (3) the manner in which port authorities plan for natural disasters. The author reviewed documents & interviewed various port stakeholders from 17 major U.S. ports. Includes recommendations. Charts & tables.

**Regulation and Finance in the Port Industry** CRC Press  
*Business and Economics of Port Management* is a comprehensive but concise textbook and reference for insights into the workings of port industry from the business and economics perspectives. The book examines port management from various entities which include the government, port operator, shipping line, logistics companies and other port service providers. It provides in-depth discussions on strategic issues, challenges and disruptions that are faced by this industry. Given the uniqueness of each port and international nature of the port business, the book comes with useful case studies and lessons from different port regions around the world. Key lessons on challenges and issues faced by port managers, developers and regulators are highlighted and discussed using a combination of professional insights and publicly available information sources. The aim is to illustrate the decision-making process with the purpose of contributing to better outcomes for the industry, government and the public at large. Anyone who is approaching the subject matter will gain utmost understanding of how ports are critical in the global economy and societal well-being.

*Dynamic Shipping and Port Development in the Globalized Economy* Elsevier

*Port Operations Planning and Logistics* offers a comprehensive and detailed analysis of world port systems through applying both theoretical and practical approaches to port planning, operations, logistics, management and policy. The book is designed to reach out to a wide audience including port practitioners, academics, students, shipping and logistics professionals, transport planners and policy makers. The author draws from a rare combination of an international port experience and an established academic expertise to provide a structured book that cuts across different research fields including operations, economics, logistics, strategy, and policy. Following the success of the 1st edition, this enlarged and substantially rewritten 2nd edition explores several port topics; planning, institutional organisation, operations, logistics, investment and financing, pricing, competition and strategy, policy and regulation, ICT and technology, labour and training, safety and security and environmental management, across various types of ports and terminals. With over 500 pages and 120 tables, figures and illustrations, this 2nd edition covers 20 chapters (updated and new) each supported with case studies, practical examples and references on the latest developments in the field.

*Transport and Logistics Planning and Optimization* CRC Press  
With 80 percent of the world's commodities being transported by water, ports are the pillars of the global economy. *Port Management and Operations* offers readers the opportunity to enhance their strategic thinking and problem-solving skills, while developing market foresight. It examines global port management practices at the regulatory, commercial, technological, operational, financial, and sociopolitical levels. This powerful sourcebook describes how seaports are being affected

by the changes occurring nationally, regionally, and globally. Evaluating the new regulatory framework, it pinpoints the industry's implementation readiness and identifies potential problem areas. The book classifies the spectrum of interrelated port management principles, strategies, and activities in a logical sequence and under four cornerstones—Port Strategy and Structure, Legal and Regulatory Framework, Input: Factors of Production, and Output and Economic Framework. Detailing best practices and the latest industry developments, the book highlights emerging challenges for port managers and identifies opportunities to develop forward-thinking strategies. It examines the effectiveness of current strategies, tactics, tools, and resources of numerous global ports and highlights the necessity of adopting a proactive stance in harmonizing the laws, regulations, and policies pertaining to the maritime, oil, and gas industries. The shipping industry has myriad complexities and this book provides maritime managers and professionals with the wide-ranging and up-to-date understanding required to thrive in today's highly competitive and evolving environment.

**Port Management Textbook** DIANE Publishing

This book provides a coherent and systematic view of the key concepts, principles, and techniques in maritime container transport and logistics chains including all the main segments: international maritime trade and logistics, freight logistics, container logistics, vessel logistics, port and terminal management, and sustainability issues in maritime transport. Container Logistics and Maritime Transport emphasizes analytical methods and current optimization models to tackle challenging issues in maritime transport and logistics. This book takes a holistic approach to cover all the main segments of the container shipping supply chains to achieve an efficient and effective logistics service system across the entire global transport chain. Sustainability issues such as social concern and carbon emissions from shipping and ports are also discussed. Each maritime transport segment is addressed using an approach from qualitative/descriptive analytics to quantitative/prescriptive analytics. Cutting-edge optimization models are presented and explained to tackle various strategic, tactical, and operational planning problems. The book will help readers better understand operations management in global maritime container transport chain. It will also provide practical principles and effective techniques and tools for researchers to push forward the frontiers of knowledge and for practitioners to implement decision support systems. It will be directly relevant to academic courses related to maritime transport, maritime logistics, transport management, international shipping, port management, container shipping, container logistics, shipping supply chain, and international logistics.

**Port Management and Operations** Springer Science & Business Media

Port Management and Operations is the essential guide to port management in the twenty-first century. It offers unparalleled coverage of the different types of port and the essential elements therein, including administration, management, economics and operations. Readers are provided with a complete understanding of port activity, enabling managers to see where they fit into the maritime transport sector as a whole. By drawing on their wealth of practical and academic experience, the authors succeed in providing an accessible overview of this vital, complex and rapidly-changing industry. This fourth edition has been fully revised and updated to reflect the latest developments in the port industry today. New to this edition: Completely restructured into four key parts: Development and Evolution, Management and Administration, Port Operations, and Ports in the Transport Chain. International approach, with case studies taken from major ports

around the world Enhanced coverage of global terminal operators, environmental impact assessment, modern port technology, human resource management and corporate social responsibility Thorough analysis of the role of ports with respect to logistics and supply chain networks. Comprehensive references to further reading, pointing readers to additional sources of information. This book is essential reading for professionals entering a career in port operations and management and students of maritime management worldwide. *Business and Economics of Port Management* Routledge Sea freight remains overwhelmingly the most common form of transport for goods globally. Grasp the core theories and understand the latest research in maritime logistics, along with how this field operates and contributes to global supply chains, with this key textbook. Maritime Logistics provides a complete overview of the core concepts within this discipline from a range of international expert contributors. This textbook examines the recent developments in the ports and shipping industries including supply chain strategies and emerging, innovative practices. Designed for maritime students and professionals, the structure offers a complete approach with an emphasis on developing a well-rounded knowledge and understanding of the field. The third edition is fully updated with new content on maintenance optimization, supply chain integration, economies of scale within liner shipping and port performance and management. In addition, this edition examines new technologies, considers new and existing risks to the maritime supply chain as well as generally how maritime logistics will continue to evolve. For those seeking to become maritime logistics specialists, this is the authoritative companion.

**Port Economics** Springer Science & Business Media

Contemporary practice and scientific innovation consider the logistics aspects of shipping or maritime and seaport operations as one of the most important areas for development of competitive advantages in business and for study and research. This book covers issues having a significant impact on the industry.

**Handbook of Terminal Planning** Kogan Page Publishers

Towards a Better Port Industry provides professionals in freight transport and maritime logistics, and specifically the port industry, as well as students in these fields, with a better conceptual understanding of the port industry. It includes key insights and best practices for port management and development, and an overview of new trends and developments relevant for developing winning strategies. After an introduction, Chapter 2 offers a new perspective on port governance, in which public interests, corporatization, state-ownership, and shareholder policies take a central role. Chapter 3 explains how new trends and developments affect port development and argues that assuming 'business as usual' often leads to major port development mistakes. Chapter 4 deals with port development and discusses all major port development challenges, including granting concessions, developing a port vision, crafting stakeholder support, choosing port performance indicators and creating a port innovation system. The final chapter deals with port development strategies and includes themes such as strategies of port development companies, pricing and business development. This book will broaden professionals' conceptual understanding of the ports industry, and provide insights on the latest developments in this area. For students, this book provides an industry-focused and non-technical 'essential reading' for gaining a deep understanding of the ports industry.

**Dynamic Shipping and Port Development in the Globalized Economy** Walter de Gruyter GmbH & Co KG

Port Business is essential reading for all those with an interest in trade and transportation and the role of ports in the global supply chain. It discusses the various types of ports in existence, identifies the major ports per category, analyzes what the key business drivers are, describes their governance, how they are managed, which trends influence them, and what kind of impact they have on supply chains. Dr. Jürgen Sorgenfrei uses his significant consulting and project development experience within the international ports, shipping, rail & logistics sector, and in global economics, trade, analytics, and forecasting as well as in intermodal hinterland transport to provide this comprehensive overview of port management. The book is a combination of a strong background in principles and practical knowledge and is an indispensable resource for those interested in maritime economics. .

Port-Focal Logistics and Global Supply Chains Springer Nature Port Management brings together a collection of seminal papers from Palgrave's journal Maritime Economics and Logistics. It is a dynamic volume, containing contributions from leading authors with different disciplinary backgrounds, representing a vast regional diversity. The volume provides authoritative and timely investigations into key topics in port economics, including research on: global supply chains, port networks, choice modelling, port infrastructure, competition, port pricing,

efficiency in European seaports, and an analysis of Chinese container ports. It is essential reading for professionals, scholars, and researchers interested in port economics.

Maritime Logistics Informa Law from Routledge

Globalisation and the rapid increase in world trade in the past decade have contributed to greater demand for international transport and logistics and, consequently, the expansion of the maritime industry. The dramatic changes in the mode of world trade and cargo transportation make it more important than ever to have a clear understanding of the way in which freight is transported by sea and the role of ports in this exchange. At the cutting edge in its assessment of the industry, Maritime Logistics covers the whole scope of maritime logistics and examines latest logistical developments within the port and shipping industry. With a range of new international contributors, this new edition has been thoroughly revised and updated. There are new chapters on port centric logistics, hinterland logistics and global supply chains, maritime transport and logistics as a trade facilitator, and future trends and developments. Written by a team of international experts with over fifty years' experience in the field, Maritime Logistics provides a truly global perspective. The book covers everything that students of logistics, as well as those working within the industry, need to know about maritime logistics, including shipping lines, containers, tankers, dry bulk, port-centric logistics, and much more.

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